I

Borough of Heywood

In the County of Lancaster

Annual Report

of the

Medical Officer of Health

and

Chief Public Health Inspector

for the Year

1970

HEALTH COMMITTEE
1970/71

THE MAYOR
COUNCILLOR MRS. M. ADLINGTON, C.C.

CHAIRMAN : COUNCILLOR J. F. GARVEY

VICE-CHAIRMAN : COUNCILLOR H. LEES

COUNCILLOR ASHTON
,, BEENY
,, Mrs. FARISH (Resigned)
,, KELLY
,, KENNY
,, Mrs. LEWIS
,, McKENNA (Resigned)
,, RICHARDS
,, SCHOFIELD
,, WILKINSON

PUBLIC HEALTH DEPARTMENT

MEDICAL OFFICER OF HEALTH :—

A. NELSON PICKLES, M.B., CH.B., D.P.H.

CHIEF PUBLIC HEALTH INSPECTOR :—

J. BUCKLEY, M.A.P.H.I., R.S.H., (Food)

DEPUTY CHIEF PUBLIC HEALTH INSPECTOR :—

C. HORN, M.A.P.H.I., R.S.H., (Food & Smoke)

ADDITIONAL PUBLIC HEALTH INSPECTORS :—

R. DYKES, M.A.P.H.I., M.R.S.H., (Food & Smoke) A.M.Inst.P.C.

G. KAUFMAN, Dip.P.H.I.E.B., M.A.P.H.I., (Food & Smoke)

W. CHADWICK, Dip.P.H.I.E.B., M.A.P.H.I. (Food)

TECHNICAL ASSISTANT - SMOKE CONTROL AREAS :—

A. ATKINSON (Resigned 25.5.70)

ENFORCEMENT OFFICER :—

H. CHADWICK

CLERKS :— Mrs. M. WARBURTON

Mrs. J. HENRY

Mrs. L. DEARDEN

Mrs. J. TAYLOR (Part-time)

PUBLIC HEALTH DEPARTMENT,

HEYWOOD,

JUNE, 1971.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

This report is submitted in accordance with the Department of Health and Social Security circular No 1/71 dated 1st January, 1971.

The full range of service is shown in the body of the report.

In general the work of the Department has been affected over recent years by increased legislation but, at the same time, the public is more conscious of health in its widest sense and more ready to co-operate for its own benefit.

I wish to thank all members of the staff for their good work throughout the year.

I am, Ladies and Gentlemen,

Your obedient servant,

A. NELSON PICKLES,

Medical Officer of Health.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area (acres)	8,342
Population (Census, 1961)	24,090
Estimated Population (1970)	30,450
Number of inhabited houses (Estimated, 1970) ...	10,892
Number of families or separate occupiers (Census, 1961)	8,615
Rateable Value (31st December, 1970)	£873,431

Estimated sum represented by a penny rate (31/12/70) £3,497

	Males	Females	Total
LIVE BIRTHS—Legitimate	230	225	455
Illegitimate	26	26	52
	256	251	507
STILLBIRTHS	6	5	11
DEATHS	214	182	396

INFANT MORTALITY

Deaths of Infants under one year of age	6	4	10
Deaths of Infants under four weeks of age, (neo-natal)	3	3	6
Deaths of Infants under one week of age (early neo-natal)	3	2	5

MATERNAL MORTALITY

Deaths from Pregnancy, Childbirth and Abortion	Nil

VITAL STATISTICS — COMPARATIVE TABLES

		Per 1,000 Population							Maternal Mortality Rate	Infant Mortality Rate		Stillbirths	
Estimated Population		No. Live Births	No. Deaths	Crude Live Birth Rate	Crude Death Rate	Death Rate from Respiratory Tuberculosis	Death Rate from Cancer (all forms)	Actual Deaths from Cancer of Lung & Bronchus	Per 1,000 Total Births	Per 1,000 Live Births		No. Registered	Rate per 1,000 Total Births
										Total	Neo Natal		
YEAR 1966	30,420	533	344	17.5	11.3	0.03	1.94	10	Nil	11.3	7.5	17	30.9
1967	30,400	552	359	18.2	11.8	0.07	2.30	16	Nil	22.0	16.0	13	24.0
1968	30,400	522	363	17.2	11.9	0.07	2.37	19	Nil	23.0	19.0	13	24.0
1969	30,360	532	341	17.5	11.2	Nil	2.21	12	Nil	24.0	13.0	8	15.0
1970	30,450	507	396	16.7	13.0	Nil	2.98	26	Nil	20.0	12.0	11	21.0
ENGLAND AND WALES, 1970													
48,987,700		784,482	575,208	16.0	11.7	0.019	2.39	30,218	0.14	18.0	12.0	10,341	13.0

INFECTIOUS DISEASES

Number of cases of Infectious Disease notified, number of notified cases removed to Hospital and total number of deaths (notified and un-notified cases) from these diseases during the year 1970.

NOTIFIABLE DISEASE	Total Cases at all ages	TOTAL CASES NOTIFIED — AGE PERIODS — YEARS									Cases Removed to Hospital	Total deaths
		0–	1–	2–	3–	4–	5–	10–	15–	25+		
Measles	707	22	93	106	100	112	269	4	1	—	4	—
Dysentery	7	3	1	1	—	—	—	—	1	1	1	—
Scarlet fever	11	—	1	1	2	—	6	1	—	—	—	—
Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—
Acute meningitis	—	—	—	—	—	—	—	—	—	—	—	—
Acute poliomyelitis— paralytic	—	—	—	—	—	—	—	—	—	—	—	—
non-paralytic	—	—	—	—	—	—	—	—	—	—	—	—
		0–		5–		15–		45–		65+		
Acute encephalitis— Infective	—	—		—		—		—		—	—	—
Post-infectious	—	—		—		—		—		—	—	—
Leptospirosis	—	—		—		—		—		—	—	—
Paratyphoid fever ...	1	—		1		—		—		—	1	—
Typhoid fever	—	—		—		—		—		—	—	—
Food poisoning	3	2		—		1		—		—	—	—
		0–	1–	2–	5–	10–	15–	20–	25–	35–	45–	55–	65–	75–		
Tetanus	—	–	–	–	–	–	–	–	–	–	–	–	–	–	—	—
Infective jaundice	32	–	–	2	13	6	2	3	3	2	1	–	–	–	1	—
Tuberculosis— Respiratory	5	–	1	–	–	–	1	1	–	–	–	–	1	1	4	—
Meninges and C.N.S. ...	—	–	–	–	–	–	–	–	–	–	–	–	–	–	—	—
Other	—	–	–	–	–	–	–	–	–	–	–	–	–	–	—	—
Whooping cough	43	5	3	14	17	4	–	–	–	–	–	–	–	–	1	—
Smallpox	—	–	–	–	–	–	–	–	–	–	–	–	–	–	—	—
Ophthalmia neonatorum ...	—	–	–	–	–	–	–	–	–	–	–	–	–	–	—	—
Anthrax	—	–	–	–	–	–	–	–	–	–	–	–	–	–	—	—
Yellow fever	—	–	–	–	–	–	–	–	–	–	–	–	–	–	—	—

Paratyphoid.

The infecting source of the case reported above was traced to a pet terrapin, imported through a Bradford wholesaler in February. The co-operation obtained in this instance with various local authorities, the importer, wholesaler and pet shop dealer, has been most encouraging.

INFECTIOUS DISEASES

Food Poisoning.

Three cases were reported. Two persons were infected with Salmonella typhi-murium and one person with Salmonella enteritidis, group D. The infecting vehicles were not identified.

Immunisation.

An increase in the number of children immunised and vaccinated (both primary and reinforcement injections) was noted during 1970. The relevant figures are :

Disease	No. Immunised or Vaccinated	Reinforcement Injections
Whooping Cough	365	36
Poliomyelitis	361	352
Diphtheria	415	410
Smallpox	142	19
Tetanus	502	463
Measles	166	—

Immunisation and vaccination is carried out at the School Clinic, Taylor Street, which is administered by the Lancashire County Council.

Bacteriological Examination.

The examination of bacteriological specimens is carried out by the Public Health Laboratory at Withington Hospital. Specimens sent for examination were:

99 Dysentery
22 Food Poisoning
4 Typhoid
39 Paratyphoid

Disinfection.

Disinfection of infected materials arising from notifiable cases of Infectious Disease is carried out by the Public Health Staff. Tubercular-infected houses are disinfected and Elementary Schools, where any possibility of infection exists, are fumigated or sprayed with liquid disinfectant. All books belonging to the Public Library which have been exposed to infection are treated before returning to shelves for circulation.

CAUSES OF DEATHS OF HEYWOOD RESIDENTS DURING 1970.

	Males	Females	Total
Malignant neoplasm, buccal cavity etc ...	—	1	1
Malignant neoplasm, oesophagus ...	—	2	2
Malignant enoplasm, stomach	9	2	11
Malignant neoplasm, intestine	7	9	16
Malignant neoplasm, lung, bronchus ...	20	6	26
Malignant neoplasm, breast	—	3	3
Malignant neoplasm, uterus	—	3	3
Malignant neoplasm, prostate	2	—	2
Leukaemia	1	—	1
Other malignant neoplasms	10	14	24
Benign and unspecified neoplasms ...	3	1	4
Diabetes mellitus	1	—	1
Other endocrine etc. diseases	—	1	1
Anaemias	—	1	1
Multiple sclerosis	—	2	2
Other diseases of nervous system ...	1	1	2
Chronic rheumatic heart disease	1	3	4
Hypertensive disease	2	3	5
Ischaemic heart disease	61	33	94
Other forms of heart disease	3	12	15
Cerebrovascular disease	25	28	53
Other diseases of circulatory system ...	7	14	21
Influenza	—	2	2
Pneumonia	17	15	32
Bronchitis and emphysema	17	5	22
Asthma	1	—	1
Other diseases of respiratory system ...	1	—	1
Peptic ulcer	3	1	4
Appendicitis	—	1	1
Intestinal obstruction and hernia ...	1	—	1
Cirrhosis of liver	1	—	1
Other diseases of digestive system ...	2	3	5
Nephritis and nephrosis	—	1	1
Other diseases, genito-urinary system ...	1	1	2
Diseases of musculo-skeletal system ...	—	2	2
Congenital anomalies	1	2	3
Birth injury, difficult labour, etc. ...	1	—	1
Other causes of perinatal mortality ...	1	2	3
Symptoms and ill defined conditions ...	2	2	4
Motor vehicle accidents	5	2	7
All other accidents	3	4	7
Suicide and self-inflicted injuries	3	—	3
All other external causes	1	—	1
	214	182	396

TUBERCULOSIS.

Number of new cases notified, and number of deaths during year 1970.

Age Periods.	New Cases. *				Deaths.			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	Male	Female	Male	Female	Male	Female	Male	Female
Years 0—1	—	—	—	—	—	—	—	—
1—5	1	—	—	—	—	—	—	—
5—10	—	—	—	—	—	—	—	—
10—15	—	—	—	—	—	—	—	—
15—20	1	—	—	—	—	—	—	—
20—25	1	—	—	—	—	—	—	—
25—35	—	—	—	—	—	—	—	—
35—45	—	—	—	—	—	—	—	—
45—55	—	—	—	—	—	—	—	—
55—65	—	—	—	—	—	—	—	—
65 & upwards	1	1	—	—	—	—	—	—
Totals	4	1	—	—	—	—	—	—
	5		—		—		—	

* Primary notifications only.

An increase in the incidence of Tuberculosis compared with the 1969 figure of 1 case (Pulmonary), is noted. In addition, 1 case was transferred into Heywood under population movement.

There were no deaths from Tuberculosis during the year and 11 persons were reported as recovered.

Hospitals.

Two District Hospital Management Committees serve the Borough:—

The Bury and Rossendale Hospital Management Committee which controls:—

Bury General Hospital.
Fairfield General Hospital, Bury.
Rossendale General Hospital, Rawtenstall.
Florence Nightingale Hospital, Bury.

Rochdale and District Management Committee which controls:—

Birch Hill Hospital, Rochdale.
Rochdale Infirmary.

Tuberculosis:—The Chest Clinic is held at "Sparthfield," Manchester Road, Rochdale, to which suspected cases are referred by medical practitioners.

Venereal Diseases:—Confidential advice and treatment are given at:—V.D. Clinic, Bury General Hospital.
Special Treatment Centre, Manchester Road, Rochdale.

Maternity and Child Welfare Clinics.

These clinics are held at the undermentioned times:

Health Centre, Taylor Street:

Ante-Natal Clinic—Wednesday 9-0 a.m.

Specialist Clinic—4th Tuesday each month 1-30 p.m.

Child Welfare Clinic—Wednesday and Thursday
1-30 to 3-30 p.m.

Darnhill Clinic:

Ante-Natal Clinic—Monday 1-30 p.m.

Child Welfare Clinic—Tuesday 1-30 to 3-30 p.m.

The **Audiometry Clinic** is held at Taylor Street alternate Thursday afternoons by appointment.

Chiropody Clinics are held at Taylor Street and Darnhill Clinics throughout the week by appointment only.

The **Cytology Clinic** is held at Taylor Street alternate Thursday mornings by appointment.

Dental Clinics are held at Taylor Street each Monday, Thursday and Friday at 9.30 a.m. and 2.0 p.m. In addition a clinic is held for expectant and nursing mothers at 5.0 p.m. on Monday and Tuesday. All clinics are by appointment.

Family Planning Clinics are held at Taylor Street on Mondays at 7-0 p.m. by appointment only.

The **Minor Ailments Clinic** is held at Taylor Street each Tuesday and Friday morning commencing at 9-0 a.m.

The **Opthalmic Clinic** is held at Taylor Street on Monday mornings commencing at 9-0 a.m., by appointment only.

Ambulance Service.

A fully equipped and staffed ambulance service is provided by the County Council for all types of case including those of infectious diseases.

Nursing in the Home.

Four Midwives practise in the Borough. Three District Nurses, two State Enrolled Nurses and one Nursing Auxiliary work in the town and attend evening sessions for surgical dressings and injections at the Taylor Street Clinic. All appointments are made by the County Council.

Day Nurseries.

Two day nurseries under the control of the County Council are situated in the Borough:—

St. Anne's Nursery, Bury New Road, has accommodation for 40 children.

Queen Street Nursery accommodates 50 children.

PUBLIC HEALTH DEPARTMENT,

HEYWOOD,

JUNE, 1971.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

It is my pleasure to submit a report on the environmental health service provided during 1970. As in recent years the work of the Department has been concentrated on housing, food hygiene and smoke control, each an important factor of environmental hygiene. Comment upon the many varied aspects of the administration is not possible but particular attention is drawn to the following.

Confirmation of Smoke Control Area No. 10 was received during 1970. This area will become operative on 1st July, 1971 when approximately 10,802 premises will be under control. Due to insufficient supplies of smokeless fuels being available it was found necessary to suspend Smoke Control Orders Nos. 1 to 4 comprising 5,522 premises as from 1st November, 1970, for a period of five months. With the operation of the No. 10 Order only one section of the town, which will eventually become Smoke Control Area No. 11, remains free from prohibition.

Due to financial limitations little progress has been made with house clearance during the year. A total of 87 demolition, clearance or closing orders have been made, leaving approximately 532 houses requiring action under clearance procedure. As a result of formal or informal action by the Department some 342 unfit houses have been made fit during the year but some properties continue to deteriorate due to inadequate maintenance. Landlords have been rather slow to respond to the provisions of Sections 44(1) and 44(2) of the Housing Act, 1969 which provides a new rent structure in respect of tenanted houses where the standard amenities are installed. Some 23 applications have been received (one later withdrawn) and in eight cases the qualifying conditions were not met.

Progress has been recorded in the improvement of houses, particularly with block improvement schemes, under Discretionary and Standard Grant procedure. The proposed General Improvement Area involving approximately 344 dwellings presents a challenge to the Department and may well be the first of many such major schemes. This work involves close liaison with other Departments, various contractors and sub-contractors as well as owner/occupiers and landlords, and will again occupy an increasing proportion of officer's time.

May I take this opportunity to record my appreciation of the efforts of the Chairman and Members of the Health Committee during the year under review, and also the support given to me by the Medical Officer of Health and the Staff of the Department.

I am,

Your obedient servant,

J. BUCKLEY,

Chief Public Health Inspector.

SANITARY CIRCUMSTANCES OF THE AREA

WATER SUPPLY.

The water supply to the Borough is supplied by the West Pennine Water Board, formed under Water Order No. 512 dated 23rd March, 1968 and operative from 1st April, 1968. Local Authorities regrouped to form the new water undertaking include Heywood, Middleton, Ashton, Oldham, Rochdale, Saddleworth and Audenshaw. The previous water undertaker was the Heywood and Middleton Water Board.

Water is derived from moorland surface gathering grounds, stored in impounding reservoirs and treated by pressure filtration and chlorination before entering supply mains. As a safeguard against plumbo solvent action chalk and or lime is added during filtration. The supply is sufficient and constant and a direct piped supply is maintained in 11,109 houses. No dwellinghouse is supplied by means of a stand pipe. 1,344 yards extension to water mains for 296 new dwellings and the relaying of 1,947 yards to existing dwellings was completed during the year.

Samples from Reservoirs. It is encouraging to report that the organic quality and colour of the waters are satisfactory. The bacteriological quality has in general been of a satisfactory standard, although on a few occasions coliform organisms have been present in the water. Samples examined for natural fluoride content were in the range of 0.17 to 0.20 parts per million.

Samples from Distribution Areas. The bacteriological quality of the service waters is satisfactory. The chemical condition has been satisfactory although as usual they have been slightly on the acid side of neutrality. In general the appearance and clarity of the waters have been good and the lead content of no consequence. Samples examined for artificial radioactivity can be classed as satisfactory and in keeping with both the National and Regional levels.

Private Water Supplies. 5 samples of raw water were subject to bacteriological examination all of which were satisfactory.

SCHOOLS.

The water supply and sanitary condition of public elementary schools is satisfactory. No instance of school closure, for the prevention of spread of infectious disease was necessary during the year.

Closet Accommodation.

The following table gives the accurate number of all types of closets in the Borough, together with the conversions from the conservancy system to the fresh water carriage system for the past ten years.

Year	Conversions to F.W.C's. from			Privy Middens Abolished	Closet Accommodation Remaining				Privy Middens Remaining
	wastewater Closets	Pail Closets	Privy Closets		Waste Water Closets	Pail Closets	Privy Closets	Fresh Water Closets	
1961	119	—	—	—	1094	175	—	8903	—
1962	50	2	—	—	993	172	—	9180	—
1963	62	2	—	—	879	149	—	9847	—
1964	107	1	—	—	755	147	—	10307	—
1965	31	5	—	—	724	142	—	10584	—
1966	21	—	—	—	703	120	—	10890	—
1967	16	—	—	—	606	107	—	11065	—
1968	12	—	—	—	446	83	—	11217	—
1969	11	2	—	—	435	81	—	11417	—
1970	22	—	—	—	413	60	—	11765	—

It will be noted that the unsatisfactory sanitary accommodation consists of:

60 Pail Closets

413 Waste Water Closets

A long term policy is in operation whereby Owners of property are offered a grant of £15 for the conversion of either Waste Water or Pail Closets.

Public Cleansing.

House refuse is deposited by householders in the 11,629 movable ashbins which are now in existence. In addition, a disposable paper sack service is in use at 171 premises. Refuse from premises other than houses is collected from the 602 movable ashbins and collection of all refuse and nightsoil is carried out weekly.

The number of houses at which movable ashbins have been provided during the year is 784.

Approximately two-thirds of refuse collected is dealt with at the Destructor Works where it is screened and burnt. The remaining one-third is disposed of by direct tipping.

In an attempt to prevent unsightly tipping the Department operates a free service of removal of house hold furniture and effects. During the year 1,277 collections of this nature were made throughout the District.

As a result of procedure established under the Civic Amenities Act, 1967 (Part III) together with the original scheme of voluntary surrender by owners, 23 abandoned or old motor vehicles have been removed from various locations within the Borough during the year. The Corporation has authority to prosecute owners for abandoning motor vehicles.

A free service of removal is maintained as an incentive to prevent this nuisance.

Swimming Baths and Pools.

The Public Baths provided by the Local Authority consists of a swimming bath (25 x 10 yards) and 15 slipper baths (10 for men 5 for women) the latter being fairly modern and in good condition.

The water used for filling is from the West Pennine Water Board supply which is treated by filtration, sterilisation and aeration. A complete turnover of water is accomplished every 4 hours. During the year four full chemical and bacteriological examinations were taken, all of which were satisfactory.

There is no privately owned swimming bath or pool in the Borough.

PREMISES OR OCCUPATIONS FOR WHICH BYE-LAWS MAY BE ENFORCED

Offensive Trades.

There is one Offensive Trade carried out in the Borough, *viz.:*

Leather Tanners 1

Common Lodging Houses.

There is one registered Lodging House in the Borough, the condition of which is fairly satisfactory.

Houses Let in Lodgings.

There are no houses let in lodgings in the Borough.

SANITARY INSPECTION OF THE AREA DURING 1970.

1. General Inspections, etc.

(1)	No. of visits to premises	9,349
(2)	Defects or Nuisances discovered	1,016
(3)	,, ,, abated	1,162
(4)	No. of Informal Notices served	829
(5)	,, Statutory ,, ,, P.H. Act 1961 Sect. 17 ..	23
(6)	,, ,, ,, ,, ,, ,, ,, ,, 83 ..	—
(7)	,, ,, ,, ,, ,, ,, 1936 ,, 39 ..	10
(8)	,, ,, ,, ,, ,, ,, ,, ,, 45 ..	1
(9)	,, ,, ,, ,, ,, ,, ,, ,, 56 ..	—
(10)	,, ,, ,, ,, ,, ,, ,, ,, 75 ..	5
(11)	,, ,, ,, ,, ,, ,, ,, ,, 83 ..	—
(12)	,, ,, ,, ,, ,, ,, ,, ,, 91/93 ..	17
(13)	,, ,, ,, Clean Air Act, 1956 12 ..	3
(14)	,, ,, ,, ,, ,, ,, ,, 30 ..	2
(15)	,, ,, ,, Housing Act, 1969 A3 ..	2
(16)	,, ,, ,, ,, ,, ,, A4 ..	—
(17)	,, ,, ,, ,, ,, ,, B5 ..	1
(18)	,, ,, ,, ,, ,, ,, B6 ..	5
(19)	,, Legal Proceedings taken	5
(20)	,, Notices - Pests Act, 1949	—

2. Nature and result of the Inspections.

(*a*) The following is a summary of the inspections carried out:—

No. of Inspections of Farms and Daries	40
,, Ice Cream Manufacturing Plant ..	—
,, Factories	30
,, Offensive Trades	—
,, Lodging Houses	4
,, Shops	501
,, Licensed Premises	27
,, *re* Poultry Processing	344
,, Other Food Premises	48
,, Housing	3,302
,, Water Supplies	56
,, Rodent Control	587
,, Smoke Control Areas	1,348
,, Smoke Abatement	49
,, Infectious Diseases	210
,, Abandoned Motor Vehicles	134
,, Removal of Caravans	83
,, Noise Abatement	41
,, Offices, Shops & Railway Premises ..	301
,, Other Premises	1,908
,, Qualification Certificates	48
,, Disinfestation	8
Total ..	9,069
No. of Complaints received	388

(*b*) Resulting from inspection the following DEFECTS have been remedied:-

No. of House Drains and Water Closets opened and cleansed from obstruction	69
,, Drains repaired and reconstructed	4
,, Water-closet pedestals repaired or renewed	5
,, Sink waste pipes repaired or disconnected from drains	3
,, Water taps repaired or renewed	1
,, Back boilers and hot water systems repaired or replaced	4
,, Burst water pipes repaired or replaced	4
,, Roofs of houses and chimney stacks repaired and made weatherproof	41
,, Defective gutters and downspouts repaired or replaced ..	27
,, Open jointed/perished/dangerous external brickwork restored or renovated	10

No. of	Reparative treatments to alleviate rising dampness ..	25
,,	Perished/cracked/broken plaster to walls and ceilings renewed	8
,,	Defective woodwork to floors/skirtings/doors/windows repaired or renewed	18
,,	Fast window sashes and broken fittings repaired or replaced	4
,,	Defective ashbins replaced or supplied to new houses ..	784
,,	Defective sanitary pails replaced	4
,,	Other defects	79

(*c*) Resulting from inspection the following OTHER NUISANCES have been abated:-

No. of	Dirty houses cleansed	2
,,	Verminous houses disinfested	3
,,	Offensive accumulations removed	72
,,	Abandoned/voluntary removal of motor vehicles ..	23
,,	Caravans removed	73
,,	Inadequate/unwholesome mains water supplies referred to Water Authority	23
,,	Offensive odours, fumes etc. eradicated	17
,,	Noise nuisances abated	5
,,	Insect pests eradicated	12
,,	Rodent treatments completed	274

Shops and Offices.

There are 540 shops in the Borough. During the year 501 inspections were made of the various premises.

A total of 176 premises were registered under the Offices, Shops and Railway Premises Act, 1963 at the end of the year, of which 74 were inspected. Where necessary owners have been communicated with to ensure that the various classes of premises comply with the requirements of the Act.

Smoke Abatement.

There are Bye-laws in operation in the Borough limiting the emission of Black Smoke for not more than two minutes in any period of 30 minutes.

Year	No. Observations Made	Number which emitted Black Smoke for times stated.										No. of Notices Served	No. of Legal Proceedings Taken
		No Black smoke		1 minute and under		2 minutes and under		3 minutes and under		Over 3 minutes			
		No.	%	No.	%	No.	%	No.	%	No.	%		
1958	15	8	53	2	13	3	20	1	7	1	7	—	Nil.
1959	5	3	60	—	—	—	—	—	—	2	40	—	Nil.
1960	6	5	83	—	—	—	—	—	—	1	17	—	Nil.
1961	—	—	—	—	—	—	—	—	—	—	—	—	Nil.
1962	7	3	43	—	—	—	—	—	—	4	57	—	Nil.
1963	7	5	72	1	14	1	14	—	—	—	—	—	Nil.
1964	—	—	—	—	—	—	—	—	—	—	—	—	Nil.
1965	12	11	92	—	—	—	—	1	8	—	—	—	Nil.
1966	—	—	—	—	—	—	—	—	—	—	—	—	Nil.
1967	1	—	—	—	—	—	—	—	—	1	100	—	Nil.
1968	2	—	—	—	—	—	—	—	—	2	100	2	2
1969	—	—	—	—	—	—	—	—	—	—	—	—	Nil.
1970	—	—	—	—	—	—	—	—	—	—	—	—	Nil.

Although 49 visits were made to premises during the year it was not found necessary to take observations of industrial chimneys. On the whole the steady reduction in smoke emission from factory chimneys continues, probably due to the "prior approval" now required for new installations as well as previous efforts of the department.

Smoke Control Areas.

Survey work in connection with the proposed Smoke Control Area No. 10 was completed during the year. The Order was submitted and confirmed by the Ministry to operate from 1st July, 1971.

This area consists of 4,796 acres and is bounded on the west, north and east by the District boundary and on the south by the River Roch, and includes all that area of the Borough north of the River Roch.

Orders relating to Smoke Control Areas Nos. 1, 2, 3 and 4 involving a total of 5,522 premises were suspended from 1st November, 1970 to 31st March, 1971 due to insufficient availability of smokeless fuels.

Summary :

No. of Smoke Control Areas in operation at 31.12.70	...		5
No. of dwellings and other buildings involved	...	...	4,960
No. of Orders submitted to Ministry during year	...	...	1
No. of dwellings and other buildings involved	...	...	320
No. of Orders confirmed by Ministry during year	...	...	1
No. of dwellings and other buildings involved	...	...	320

Exempted Premises :

A total of 98 premises are exempted from the 5 smoke control orders currently in operation. These may be classified as follows :

Slum Clearance : 58 premises
Redevelopment : 35 premises
Industrial : 5 premises

FACTORIES ACT, 1961.

(a) Inspections for purposes of provisions as to health.

PREMISES	No. on Register	Number of		
		Inspections	Written notices	Occupiers prosecuted
(1) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities.	—	—	—	—
(2) Factories not included in (1) in which Section 7 is enforced by the Local Authority.	146	30	2	—
(3) Other Premises in which Section 7 is enforced by the Local Authority. (excluding out-workers' premises)	—	—	—	—
TOTAL	146	30	2	—

(b) Cases in which defects were found.

PARTICULARS	Number of cases in which defects were found				No. of cases in which prosecutions were instituted
	Found	Remedied	Referred		
			To H.M. Inspector	By H.M. Inspector	
Want of cleanliness (S.I)	2	—	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6)	—	—	—	—	—
Sanitary Conveniences (S.7)					
(a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective	—	1	—	—	—
(c) Not separate for sexes.	—	—	—	—	—
Other offences against the Act (not including offences relating to Out-work)	—	—	—	—	—
TOTAL	2	1	—	—	—

OUTWORK

NATURE OF WORK	Section 133			Section 134		
	No. of out-workers in August list required by Section 133 (1) (c)	No. of cases of default in sending lists to the Council	No. of prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prosecutions
(1) Machinists - Clothing	1	—	—	—	—	—
(29) Xmas Novelties	2	—	—	—	—	—

HOUSING.

The present number of applications received by the Housing Department for Corporation houses is 484.

From lodgers	135
,, householders	349
Total ...	484

For Bungalows/one bedroom flats	154
,, two bedrooms...	233
,, three/four bedrooms	97
Total ...	484

The number of applicants for Corporation houses has decreased by 23.

The total number of houses under control of the Local Authority is 2,317.

215 families were housed during the year from lodgings and privately owned houses.

Particulars of Housing Scheme.

(a) In hand at the end of 1970:

N I L

(b) Contemplated :

Aspinall Street—Old Persons Flatlets Scheme, 28 Dwellings plus Communal Rooms, Warden's House etc.

Housing Statistics.

No. of new houses and flats erected during year:—

(1) By the Local Authority:	29
(2) By other Local Authorities:	—
(3) By other Bodies and Persons:	267
Total:	296

Shortage of Houses :

At the present time the primary need is for one/two bedroom accommodation. Currently approximately 50% of applications for transfer to one bedroom accommodation are from tenants in three and four bedroom dwellings whose premises are under-occupied.

The rehousing of tenants into dwellings more suitable to their requirements would release three and four bedroom Council houses for family needs.

Clearance orders for 66 unfit dwellings were prepared for submission to the Ministry of Housing and Local Government during the year. A total of 77 persons were rehoused and 68 houses demolished.

13 persons were rehoused and 4 houses closed as a result of Individual Unfit procedure or from Undertakings to demolish or not to relet. 342 unfit houses were made fit as a result of informal or formal action by the Department.

42 applications for Improvement Grant were submitted, 28 of which were approved by the Local Authority. Additionally a scheme involving 52 Council houses was submitted to and approved by the Ministry. Work was completed on 19 private and 41 Local Authority houses.

51 applications for Standard Grant were submitted to the Local Authority and 45 approved. Work was completed on 53 schemes.

Agreement in principle has been obtained to proceed with a scheme involving approximately 344 houses, to be declared a General Improvement Area and incorporating general improvements to the environment of the area.

Darnhill Overspill Estate.

There were no new dwellings completed during 1970. The estate now comprises 1,878 houses to which 6,168 persons were originally rehoused.

INSPECTION AND SUPERVISION OF FOOD

Milk.

The supervision of milk production on farms is the responsibility of the Ministry of Agriculture, Fisheries and Food. The Local Authority is responsible for the prevention of milk infection.

Brucella Abortus :

286 samples were submitted for biological examination.

	Results		No
	Positive	Negative	Result
Ring Test	35	251	—
Culture Test	13	273	—

When positive results are obtained owners of infected animals are instructed to subject the whole of the milk yield to heat treatment before sale and advised to consult their veterinary surgeon. Co-operation of farmers is obtained in disposal of affected animals. Further samples are taken to ensure that the remainder of the herd is clear. One notice was served on a dairy farm under Regulation 20 of the Milk and Dairies (General) Regulations, 1959.

Meat.

All slaughtering and inspection of carcases is carried out at the Abattoir, Bury and surrounding authorities, with the exception of animals slaughtered in emergency or in connection with certain diseases of animals.

Three slaughterman's licences were granted during the year in accordance with the Slaughter of Animals Act.

The policy adopted as regards the prevention of contamination of meat in shops, stalls and vehicles, conforms with the Food Hygiene Regulations, 1955.

Poultry.

There are two poultry processing premises in the district which are inspected daily.

Type	No. Processed	No. Rejected	Rejected Weight
Broiler Chickens	935,692	16,467	67,803 lbs.
Hens	1,298,400	31,048	93,634 lbs.

Liquid Egg (Pasteurisation) Regulations, 1963.

There is one egg pasteurisation plant in the district.

Other Foods.

Inspections under the sale of Food and Drugs Act are carried out by the County Council. 129 samples were obtained in Heywood during the twelve months ended 31st December, 1970. Of these samples 77 were milk (one of which was Channel Islands milk) and 52 others comprising:—

1 Orange Drink
1 Cheese
1 Orange Cordial, to be diluted
1 Dressed Crab, canned
1 Crab Paste, canned
2 Trifle
1 Potted Meat
1 Brawn
2 Beef Sausages
1 Lard
1 Custard Powder
1 Apricots, canned
1 Strawberries, canned
1 Cherries, canned
1 Minced Pork, canned
1 Shandy, canned
1 Lemon Essence
2 Low Fat Soft Cheese
1 Plain Flour
1 Strawberry Yoghourt
1 Meat Pie
1 Fish Spread
1 Dripping
1 Strawberries, fresh
1 Fruit Salad, opened can
1 Beef Casserole, canned
1 Chopped Pork Kidney, canned
1 Apple Sauce
1 Potatoes, canned
1 Shrimps in Brine, canned
1 Tomatoes, canned
1 Sage
1 Self Raising Flour
1 Wafer Biscuits
1 Starch Reduced Crispbread
1 Fish Cakes
1 Fresh Liver
1 Double Cream
1 Flour Confectionery
1 Mincemeat
1 Fresh Garlic
1 Fresh Carrots
1 Cornish Pasty
1 Hake portions with bread-crumbs (frozen)
1 Ground Almonds
1 Chopped Pork
1 Dried Potato
1 Marzipan
1 Salt

All samples were reported by the County Analyst to be genuine with the exception of the following :

Sample	Result of Analysis	Action taken
Orange Drink	The sample was free from noxious materials but it contained approx. $\frac{1}{4}$ the former permitted allowance of cyclamate sweetening agent.	Manufacturer informed.
Cheese	Contained dried grass roots embedded in the cheese (total weight 21 milligrams).	Manufacturer cautioned and complainant informed.
Formal Milk	Fat 2.65% Deficient 11.6% fat.	Producer cautioned.
Trifle	The piece of broken foreign material submitted with the sample was polystyrene which weighed 0.106 gramme and was 1.7 millimetres thick.	Producer cautioned and complainant informed.
Formal Milk Channel Island	Fat content 3.85%. Deficient 6.7%.	Dairy cautioned.

Sample	Result of Anylysis	Action Taken
Formal Milk	Contained 0.08 I.U. penicillin per cm3.	Producer and M.M.B. informed.
Potted Meat	Meat content only 67%. Recommended meat content (statutory from March 1970) is 95% for "Potted Meat".	Vendors communicated with.
Plain Flour	Creta Praeparata only 185 milligrams per 100 grammes. Limits 235-290 milligrams per 100 gramme.	Millers communicated with.
Informal Milk	Contained 0.075 I.U. penicillin per cm3.	Dairy informed.
Formal Milk	Fat content 2.75%. Deficient 8.3% fat.	Producer informed.
Fruit Salad, opened can	The part fly submitted with the sample was from the family Acalyptera which is very cosmopolitan. It had not been cooked.	Canners informed and complainant notified.
Beef Casserole, canned	Meat content only 26% but labelled Beef Casserole (Hot Snack specials). Should either contain 35% meat or be labelled "Ready Meal".	Manufacturer advised to withdraw stock on previous occasions.
Chopped Pork Kidney, canned	Meat content only 63.5% minimum acceptable meat content for chopped meat in gravy 67.5%.	Importer unknown. Stock withdrawn from sale.
Flour Confectionery	The foreign body was a spirally shaped plant structure resembling a seed pod but all the seeds had been shaken out. Its size and weight (8mm. diameter and 0.2 gramme) were too close to the figures for vine fruits that the chances of removing it from the fruit ingredient (with which it was probably introduced) would have been very small.	Complainant and Baker informed.
Chopped Pork	Meat content only 85%. The polyvinyl dichorethylene sausage case clipped at both ends would probably answer to the definition of "canned" in the Canned Meat Product Regulations 1967. Meat content should therefore be not less than 90%.	Manufacturer communicated with.

The amount of unsound foodstuffs surrendered and destroyed during the year includes:—

Tinned and Packet Foods	525 lbs.
Carcase and Other Meats	345 lbs.
Ice-Cream and Ice Lollies	50 lbs.
Fresh Fruit	93 lbs.

All condemned food is incinerated under supervision.

Food Hygiene (General) Regulations, 1960.

Type of Business	No. of Premises	No. of Inspections	No. of premises fitted to comply with Reg. 16	No. of premises to which Reg. 19 applies	No. of premises fitted to comply with Reg. 19
General Grocers & Provision Dealers	85	135	77	85	85
Greengrocers & Fruiterers (including those selling Wet Fish, Game etc.)	27	46	24	27	27
Fishmongers (including those selling Poultry, Game etc.)	2	5	2	2	2
Meat Shops, (Butchers, Purveyors of Cooked & Preserved Meats, Tripe etc.) ...	34	75	31	34	34
Bakers and/or Confectioners...	35	47	31	35	35
Fried Fish Shops	24	14	20	24	24
Shops selling mainly Sugar Confectionery, Minerals, Ice-Cream etc.	23	104	18	13	13
Licensed Premises, Clubs, Canteens, Restaurants, Cafes, Snack Bars & similar catering establishments	97	27	80	97	97
Others	213	48	—	—	—

Ice Cream (Heat Treatment) Regulations, 1959 and 1963.

The registration of premises for the manufacture and sale of Ice Cream is carried out under Section 16 of the Food and Drugs Act, 1955. Before registration is granted premises must comply with the Code of Practice issued by the Lancashire County Council. A total of 78 premises were registered for the sale of Ice Cream at the end of 1970, to which 110 visits have been made.

Food Hawkers.

The registration of Hawkers of food and their premises is carried out under Section 14 of the Lancashire County Council (General Powers) Acts and both premises and mobile vehicles must comply with the required regulations. 6 persons, residing within the Borough are registered as Hawkers. Additionally, 28 mobile shops in the ownership of 16 other persons or companies, are registered.

Prevention of Damage by Pests Act, 1949.

		Type of Property	
		Non-agricultural	Agricultural
(a)	No. of properties in District.	10,809	83
(b)	Total number of properties inspected following complaint.	442	1
(c)	No. of properties in (b) infested by – Rats.	180	1
	Mice.	220	–

All infested properties were treated and where necessary owners advised to effect repairs contributing to the infestation.

Disinfestation.

(a) No. of Council houses found to be infested: (Cockroaches) 89

(b) No. of Other houses found to be infested: (Lice) 1

(c) Total number of houses disinfested: 55

Joint visits by representatives of the Housing and Public Health Departments are made when infestations of Council houses are suspected.

Noise Abatement Act, 1960.

13 complaints relating to a noise nuisance were received and investigated during the year. No formal action was necessary on any occasion.

Scrap Metal Dealers Act, 1964.

No new applications for registration (renewable at three yearly intervals) were received during the year. A total of 8 persons are now registered under the Act.

Animal Boarding Establishments Act, 1963.

There are two registered premises in the Borough which are regularly inspected by a qualified veterinary surgeon, delegated by the Council.

Petroleum Acts.

A total of 39 licences were issued during the year for the storage of 135,180 gallons Petroleum Spirit namely, 65,880 gallons stored by 28 private companies and 69,300 gallons for sale at 11 commercial garages. All new storage tanks are installed under the supervision of the Department and any tank withdrawn from use must be rendered safe from the risk of explosion to comply with licensing conditions.

Destructor Works.

8,550 tons of household and shop refuse have been received at the Works during the year, 6,050 tons dealt with by separation and incineration, the remaining 2,500 tons by controlled tipping. A further 1,250 tons of industrial waste have been absorbed on the Peel Lane tip and an estimated 7,500 tons of builder's materials disposed of on the River Street tip.

Salvage operations have continued, the main items being ferrous and non-ferrous metals, waste paper and textiles. Ash recovery was not carried out but it is anticipated that this operation will resume during the coming year.

The Works consist of two Receiving Hoppers with Housing, one Hiab Grab, Refuse Elevator, Rotary Screen and Housing Tailings Conveyer, Picking Belt, Electro-Magnetic Metal Extractor, two cell Incinerator, Stoking Conveyor and Fan Draught, Dust Extractors, Water Seal Dust Trap, Metal Baler, Paper Baler, electric motors etc.

Some trouble has been experienced from trespass and wilful damage.

Sewage Works.

During the year 1970, 939 million gallons of sewage and trade waste have been fully treated at the Botany Sewage Works. The highest daily flow was recorded in August when 4.7 million gallons was fully treated and a similar amount of storm water passed through the storm water tanks. The rainfall recorded at the Works for this day was 1.19 inches. The sewage has been strong in character due to the trade waste discharged from a Tannery, Dyeing and Bleaching Works, Paper Mill etc.

Storm water above three times the normal dry weather flow and up to six times that amount has been separately treated in the storm water tanks.

273 tons of material have been dredged from the Detritus Tank, 180 tons from the Storm Tanks and 5,982 tons of sludge removed from the Precipitation and Final Settlement Tanks. 3,733 tons of sludge have been removed by Tanker for disposal at sea, the remaining sludge having been disposed of on drying beds on the Destructor Works tip.

Treatment at the Botany Works consists of sedimentation, biological filtration and final settlement, some chemical precipitation is carried out. The Works consists of Detritus Tank, Comminutors, Storm Water Overflows and Tanks, Flow Recorder, Flow Distributor Chambers, Sedimentation Tanks, Filtration Plant, Final Settling Tanks, Electrical and Diesel Pumping Plant, Air Compressor and Ejector etc.

The Botany Works although designed to treat 1.5 million gallons per day dry weather flow, do in fact treat some 2.3 million gallons per day dry weather flow, thus the final effluent being discharged to the River Roch is not always in accordance with the Royal Commission standards.

On the advice of the Department of Environment the Heywood Council have appointed Consulting Engineers to prepare a Feasibility Report upon the future of the Botany Works. This report is to be submitted to the Council in mid 1971.

Sewage from the Heap Bridge area has been separately treated at the small land filtration plant at Heap Bridge, the estimated flow being 24 million gallons. The plant is very old and arrangements are in hand for the Works to be closed and alternative arrangements made for reception of the sewage.

OAK PRESS (Rochdale Ltd.

Norwich Street, Rochdale